





Circuit design Shiny Migelo X PIR-Sensor-LED-and-Piezo X

www.tinkercad.com/things/fcD1MD0I99Q-shiny-migelo-hillar/editel

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Shiny Migelo-Hillar

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Code

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Simulator time: 00:01:39

1 (Arduino Uno R3)

PIR Sensor

Name 1

PIR SENSOR REV 8 555-28027 PARALLAX

PIR Sensor

+

-

```
4 int pirSensor =0;
5
6 void setup()
7 {
8   pinMode(pirSensor, INPUT);
9   pinMode(pinLed, OUTPUT);
10  pinMode(pinBuzzer, OUTPUT);
11
12 }
13
14 void loop()
15 {
16
17   pirSensor = digitalRead(pirSensor);
18   if (pirSensor == HIGH)
19   {
20
21     digitalWrite(pinLed, HIGH);
22     tone(pinBuzzer, 1000, 500);
23
24   }
25
26   else {
27
28     digitalWrite(pinLed, LOW);
29
30   }
31
32   delay(10);
33 }
34
```

Serial Monitor

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07:00 21-09-2022